

## **Attachment 7: Pre-mitigation Chronic Dietary Assessment**

Pre-mitigation Chronic Dietary Assessment

U.S. Environmental Protection Agency  
 DEM Chronic analysis for METHYL PARATHION  
 Residue file name: D:\Methyl Parathion\R-96\053501-1cr.R96

Ver. 6.76  
 (1989-92 data)

Adjustment factor #2 NOT used.  
 Analysis Date 07-28-1999/11:20:04      Residue file dated: 07-28-1999/11:19:14/8  
 Reference dose (Rfd, CHRONIC) = .00002 mg/kg bw/day  
 COMMENT 1: Revised Risk Assessment (All Crops)

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 Total exposure by population subgroup  
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Population Subgroup	Total Exposure	
	mg/kg body wt/day	Percent of Rfd
U.S. Population (total)	0.000003	16.6%
U.S. Population (spring season)	0.000003	14.1%
U.S. Population (summer season)	0.000005	23.7%
U.S. Population (autumn season)	0.000003	14.7%
U.S. Population (winter season)	0.000003	13.2%
Northeast region	0.000004	20.1%
Midwest region	0.000003	13.7%
Southern region	0.000003	14.7%
Western region	0.000004	19.6%
Hispanics	0.000003	15.6%
Non-hispanic whites	0.000003	17.3%
Non-hispanic blacks	0.000002	12.0%
Non-hisp/non-white/non-black)	0.000004	20.9%
All infants (< 1 year)	0.000006	28.9%
Nursing infants	0.000008	39.8%
Non-nursing infants	0.000005	24.3%
Children 1-6 yrs	0.000009	46.7%
Children 7-12 yrs	0.000004	22.2%
Females 13-19(not preg or nursing)	0.000002	8.4%
Females 20+ (not preg or nursing)	0.000003	13.5%
Females 13-50 yrs	0.000002	12.3%
Females 13+ (preg/not nursing)	0.000003	15.3%
Females 13+ (nursing)	0.000005	25.4%
Males 13-19 yrs	0.000002	9.7%
Males 20+ yrs	0.000002	11.1%
Seniors 55+	0.000003	15.1%
Pacific Region	0.000004	21.6%